

Light

FLOW EH LOW SB

FLAWSBPLEH

Metal-free, sporty and comfortable safety shoe with EH function

Metal-free safety shoe with a lightweight composite toe cap. FLOW EH offers electrical hazard (EH) protection, which means the outsole is electrically isolating, avoiding electrocution. Thanks to its breathable upper, heel and forefoot energy absorption, and slip-, oil- and fuel-resistant outsole, FLOW combines comfort and protection in one.

Upper	Mesh
Lining	3D-Mesh
Footbed	SJ foam footbed
Outsole	PU/PU
Toecap	Composite
Category	SB / P, SRC, E, FO, EH
Size range	EU 35-47 / UK 3.0-12.0 / US 3.0-13.0 JPN 21.5-31 / KOR 230-310
Sample weight	0.592 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



BLK



3D mesh

Three-dimensional produced distance mesh to provide increased moisture and temperature management.



Breathable upper

Increased moisture and temperature management for extended wearer comfort.



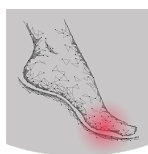
Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



Electrical hazard (EH)

Electrical hazard (EH) rated safety shoes have nonconductive outsoles. As a secondary source of protection they reduce the potential for electric shocks under dry conditions.



Forefoot energy absorption

Forefoot energy absorption reduces the impact of jumps or running on the body of the wearer.



Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.

Industries:

Assembly, Automotive, Industry

Environments:

Dry environment, Extreme slippery surfaces

Maintenance instructions:

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

	Description	Measure unit	Result	EN ISO 20345
Upper	Mesh			
	Upper: permeability to water vapor	mg/cm²/h	3.9	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	41	≥ 15
Lining	3D-Mesh			
	Lining: permeability to water vapor	mg/cm²/h	61.1	≥ 2
	Lining: water vapor coefficient	mg/cm²	490	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
Outsole	PU/PU			
	Outsole abrasion resistance (volume loss)	mm³	84	≤ 150
	Outsole slip resistance SRA: heel	friction	0.36	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.37	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.14	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.19	≥ 0.18
	Antistatic value	MegaOhm	N/A	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	27	≥ 20
Toecap	Composite			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	15.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	19.0	≥ 14

Sample size: 42

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